Claims

1. Compositions containing

A) 0.01 to 5 wt.% (in relation to the total composition) polymeric phosphites, which contain, per molecule, at least one oxetane group and of which 50% or more of all molecules contain at least four monomers from the group of a di- or polyvalent phenol and/or phosphite.

B) 20 to 99.99 wt.% thermoplastics, selected from the group of polycarbonates, polyalkylene terephthalates, ABS, styrene polymers, polyurethanes, polyamides, polyolefins and

C) 0 to 70 wt.% of at least one filling and reinforcing material

D) 0 to 30 wt.% of at least one flame-retarding additive

E) 0 to 80 wt.% of at least one further thermoplastic, different from component B

F) 0 to 80 wt.% of at least one elastomer modifier

G) 0 to 10 wt.% of other conventional additives.

2. Compositions containing

A) 0.03 wt.% to 0.1 wt.% (in relation to the total composition) polymeric phosphites, which contain, per molecule, at least one oxetane group and 50% or more of all molecules of which contain at least four monomers from the group of a di- or polyvalent phenol and/or phospite,

B) 30 wt.% to 41.87 wt.% thermoplastic, selected from the group of polycarbonates, polyalkylene terephthalates, ABS, styrene polymers, polyurethanes, polyamides, polyolefins and

C) 9 to 31 wt.% of at least one filling and reinforcing material,

D) 9 to 19 wt.% of at least one flame-retarding additive,

E) 31 to 51 wt.% of at least one further thermoplastic different from component B,

F) 9 to 15 wt.% of at least one elastomer modifier,

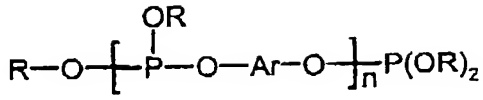
G) 0.1 to 0.9 wt.% of other conventional additives.

3. Compositions according to one or more of the preceding claims, wherein B) is a thermoplastic, selected from the group of polycarbonates and polyalkylene terephthalates.

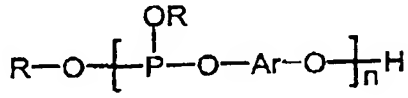
4. Compositions according to one or more of the preceding claims, wherein B) is selected from polybutylene terephthalate.

5. Compositions according to one or more of the preceding claims, wherein E) is polycarbonate.

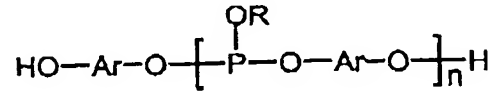
6. Compositions according to one or more of the preceding claims, wherein phosphites of the formula (Ia), (Ib), (Ic) and/or (Id),



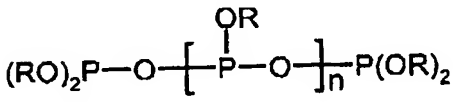
(Ia),



(Ib),



(Ic),



(Id)

in which

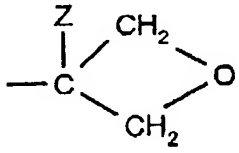
n means 2 or any integer >2, preferably 2 to 10,

R means alkyl, aralkyl, cycloalkyl, aryl or phenyl or hetaryl, at least one of the R groups carrying an oxetane group, and

Ar represents aryl, which may optionally be substituted by alkyl and/or hydroxy, Ar being the same or different,

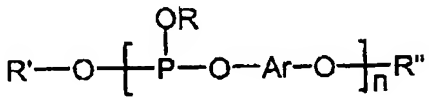
are used as A) .

7. Compositions according to one or more of the preceding claims, the oxetane group of component A being a heterocyclic group



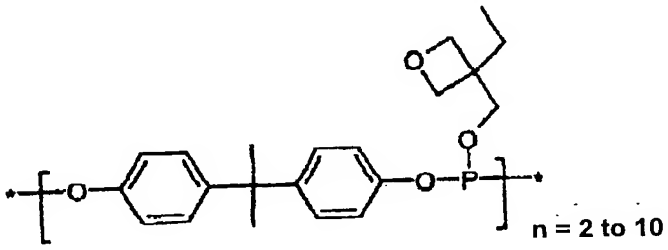
where Z is equal to $-CH_2$-O-C_6H_{13}, or CH_2-O-C_2H_5 or preferably H, n-C_5H_{11}, -CH_2-C_5H_{11}, or most preferably CH_3, or extremely preferably C_2H_5.

8. Compositions according to one or more of the preceding claims, containing, as component A, the compounds



where R' = R, HO-AR-, $(RO)_2P$-
and R'' = $(RO)_2P$-, H.

9. Compositions according to one or more of the preceding claims, wherein compounds that contain the following structural element:



are used as component A.

10. Composition according to claim 1, wherein C = 0 wt.%.

11. Composition according to claim 1, wherein glass fibres are used as component C.

12. Use of the compositions according to one or more of the preceding claims for the production of moulded bodies.

13. Moulded bodies produced according to one or more of the preceding claims.